

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-13 (cancelled).

14. (new) An anti-flooding device with displacement of the waters for the exploitation of the water energy, comprising:

a pipeline having an upper opening (2) in an upper part of the pipeline and a lower opening (6) in a bottom of the pipeline, the upper opening for allowing an inflow of fluid from above the upper opening, the lower opening for allowing an outflow of the fluid via the lower opening;

an extractable filtering net (5) for filtering the inflow of the fluid entering from the upper opening;

a sluice-gate (3) that closes the lower opening (6), the sluice-gate having a section of one of a truncated cone and a cylinder;

sealing gaskets for sealing the sluice-gate;

a cable (4);

a float (1) connected to the sluice-gate (3) by the cable (4) so that a rising operation of the float i) allows the

inflow of the fluid into the pipeline via the upper opening (2) and ii) moves the sluice-gate to open the lower opening;

an air pipe (11) having a first opening located above the upper opening (2) and a second opening located below the upper opening (2), the float sliding on the air pipe;

a pipe (8) connected to the lower opening (6) and arranged to receive the outflow of the fluid;

a plurality of valves (9) connected to the pipe (8) for closing the pipe (8) and preventing flow of the fluid;

a plurality of rings (10) for fixing and sliding of the float (1); and

a lever (12) for the manual rising of the float (1).

15. (new) An anti-flooding device according to claim 14, wherein the sluice-gate (3) has the section of the truncated cone.

16. (new) An anti-flooding device according to claim 14, wherein the sluice-gate further comprises cylindrical adjustable rings.

17. (new) An anti-flooding device according to claim 14, wherein the sluice-gate further comprises conical adjustable rings.

18. (new) An anti-flooding device according to claim 14, wherein the sluice-gate includes an outer movable element that slides outside of the pipeline.

19. (new) An anti-flooding device according to claim 14, further comprising:

an electric generator; and

a turbine (18) connected to the electric generator for the exploitation of the outflow of the fluid.

20. (new) An anti-flooding device according to claim 14, adapted for application inside a basin on the banks of a river.

21. (new) An anti-flooding device according to claim 14, wherein the sluice-gate comprises an external movable element.

22. (new) An anti-flooding device according to claim 14, configured for the exploitation of water energy by the outflow of the fluid.

23. (new) An anti-flooding device according to claim 14, wherein the sluice-gate is tubular.

24. (new) An anti-flooding device according to claim 14, wherein,

the pipeline comprises a fixed part and a movable part,
and

the sluice-gate is regulated and closed by two threaded rings placed on the fix part and two threaded rings on the movable part.